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10	13	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 same (return\$3 acknowledg\$4 ack) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 10:31
11	1	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 same (return\$3 acknowledg\$4 ack) and (subnet sub-network) with fabric and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 10:32
14	4	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 same (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 10:32
15	32	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 10:32
16	30	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 10:33
17	27	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 11:38
20	26	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) near2 identif\$ and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:14

23	3	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) near2 identif\$ and nak and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 12:44
26	185	return\$3 same acknowledg\$4 same ack same nak and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 12:44
27	23	return\$3 with acknowledg\$4 with ack with nak and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 12:45
31	24	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (batch\$3 broadcast\$3) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:46
34	23	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:47
35	30	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:47
36	20	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:49

37	20	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:50
38	0	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (port\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:50
39	20	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:51
40	20	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:51
41	20	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:53
42	0	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:54

43	0	709/\$ and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and discover\$ same (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:54
44	0	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and discover\$ same (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:54
45	0	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (subnet sub-network) same fabric and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 13:55
46	0	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) with (return\$3 acknowledg\$4 ack) and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:07
52	0	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack) and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:08

53	0	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) same manag\$4 and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack nak) and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:15
54	1	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (subnet sub-network) and (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack nak) and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:16
55	11	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack nak) and (packet\$3 messag\$3 fram\$3 request\$3) with batch\$3 and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:24
56	1	(port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) same (return\$3 acknowledg\$4 ack nak) and (packet\$3 messag\$3 fram\$3 request\$3) with (batch\$3 and broadcast\$3) and discover\$ with (port\$1 element\$1 switch\$2 node\$1 end adj node\$1 endnode\$1) and (@ad<20010117 @rlad<20010117)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 14:25

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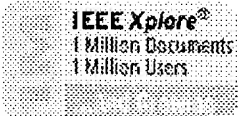
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1 **A Broadband Packet Switch for Integrated Transport**

Hui, J.; Arthurs, E.;
Selected Areas in Communications, IEEE Journal on , Volume: 5 , Issue: 8 , Oct 1987
Pages:1264 - 1273

[\[Abstract\]](#) [\[PDF Full-Text \(968 KB\)\]](#) **IEEE JNL**

2 **A stopping rule for link failure detection**

Lansdowne, Z.F.;
Communications, IEEE Transactions on , Volume: 41 , Issue: 4 , April 1993
Pages:528 - 530

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) **IEEE JNL**

3 **Using multi-hop acknowledgements to discover and reliably communicate over unidirectional links in ad hoc networks**

Pearlman, M.R.; Haas, Z.J.; Manvell, B.P.;
Wireless Communications and Networking Conference, 2000. WCNC. 2000 IEEE , Volume: 2 , 23-28 Sept. 2000
Pages:532 - 537 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) **IEEE CNF**